

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

METASTASIS GENES AND USES THEREOF

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

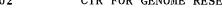
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| the spe | ecification of which | (check one) | | | | | | | | | |
| [] | is attached hereto | • | | | | | | | | | |
| [X] | was filed on December 11, 2000 as United States Application | | | | | | | | | | |
| | Number or PCT I | nternational Appl | lication l | No. <u>09/735,</u> | 273 | | - | | | | |
| | and was amended | on | (if ap | plicable). | | | | | | | |
| includi | I hereby state that ing the claims, as an | I have reviewed a nended by any am | and und endmen | erstand the co | ntents of the a | bove-ide | ntified | spec | ificat | ion, | |
| | I acknowledge the including for continuation applicate of the prior application. | uation-in-part app | olication | s, material in | formation whic | h became | e avail: | able | betwe | een tł | |
| country any for | I hereby claim for ent or inventor's cert y other than the Unit reign application for fore that of the appl | tificate, or 365(a) ted States of Amer patent or invento ication on which | of any I rica, list r's certif priority | PCT internation of the contract of the contrac | onal application have also identry PCT interna | n which outified bel tional ap | lesigna ow, by plication | ited a | at leas cking tving | st one the l | oox, |
| | | | PHOT FC | reign Applic | ation(s) | N | ority ot imed | | | Filed | l? O |
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| (Numb | er) | (Country) | | (Day/Month | Year filed) | [|] | [|] | [|] |
| I hereb | y claim the benefit t | ınder 35 U.S.C. § | 119(e) o | of any United | States provisio | nal appli | cation | (s) li | sted ł | oelow | ·. |
| 60/170 (Applic | ,233 cation Number) | | - | December (Filing Date | | | | | | | |
| (Applic | cation Number) | | - | (Filing Date | ;) | - | | | | | * |

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

| (Application Serial No.) | (Filing date) | (Status: patented, pending, abandoned) |
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| (Application Serial No.) | (Filing date) | (Status: patented, pending, abandoned) |
| (Application Serial No.) | (Filing date) | (Status: patented, pending, abandoned) |
| (Application Serial No.) | (Filing date) | (Status: patented, pending, abandoned) |
| | or, I hereby appoint the attorneys as Reynolds, P.C., Two Militia Dri | nd/or agents associated with ve, Lexington, Massachusetts 02421-4799 |
| and | | |
| to prosecute this application | and to transact all business in the l | Patent and Trademark Office connected therewith. |
| Please send corresponde | ence to: | |
| [V] Cystomer No | 21005 | |
| [X] Customer No. | HAMILTON, BROOK, S Two Militia Drive Lexington, MA 02421-47 | SMITH & REYNOLDS, P.C. 199 |
| or | Two Militia Drive | |
| | Two Militia Drive Lexington, MA 02421-47 | |
| or | Two Militia Drive Lexington, MA 02421-47 | |
| or [] Address as follows: | Two Militia Drive Lexington, MA 02421-47 | |
| or [] Address as follows: Direct telephone ca | Two Militia Drive Lexington, MA 02421-47 | 799 |
| or [] Address as follows: Direct telephone can Direct facsimiles to I hereby declare tha on information and belief are that willful false statements a | Two Militia Drive Lexington, MA 02421-47 lls to: Lisa M. Treannie, Esq. : Lisa M. Treannie, Esq. t all statements made herein of my believed to be true; and further the like so made are punishable d States Code and that such willfur | Telephone No.: 781-861-6240 |
| or [] Address as follows: Direct telephone can Direct facsimiles to I hereby declare that on information and belief are that willful false statements at 1001 of Title 18 of the Unite | Two Militia Drive Lexington, MA 02421-47 lls to: Lisa M. Treannie, Esq. : Lisa M. Treannie, Esq. t all statements made herein of my believed to be true; and further the like so made are punishable d States Code and that such willfur | Telephone No.: 781-861-6240 Facsimile No.: 781-861-9540 own knowledge are true and that all statements made at these statements were made with the knowledge by fine or imprisonment, or both, under Section |
| or [] Address as follows: Direct telephone can be declared that willful false statements a supplication or any patent issue. Full name of sole | Two Militia Drive Lexington, MA 02421-47 lls to: Lisa M. Treannie, Esq. : Lisa M. Treannie, Esq. t all statements made herein of my believed to be true; and further the like so made are punishable d States Code and that such willfur | Telephone No.: 781-861-6240 Facsimile No.: 781-861-9540 Town knowledge are true and that all statements made the statements were made with the knowledge by fine or imprisonment, or both, under Section I false statements may jeopardize the validity of the |
| or [] Address as follows: Direct telephone can be declared that on information and belief are that willful false statements at 1001 of Title 18 of the United application or any patent issues. Full name of sole or first inventorE | Two Militia Drive Lexington, MA 02421-47 lls to: Lisa M. Treannie, Esq. : Lisa M. Treannie, Esq. t all statements made herein of my believed to be true; and further th and the like so made are punishable d States Code and that such willfu and thereon. | Telephone No.: 781-861-6240 Facsimile No.: 781-861-9540 Town knowledge are true and that all statements made at these statements were made with the knowledge by fine or imprisonment, or both, under Section |
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| or [] Address as follows: Direct telephone can be declared that on information and belief are that willful false statements at 1001 of Title 18 of the Unite application or any patent issues. Full name of sole or first inventorE (Inventor's SignatureA) | Two Militia Drive Lexington, MA 02421-47 Ils to: Lisa M. Treannie, Esq. : Lisa M. Treannie, Esq. t all statements made herein of my believed to be true; and further the hand the like so made are punishable of States Code and that such willfuned thereon. dwin A. Clark dwin A. Clark | Telephone No.: 781-861-6240 Facsimile No.: 781-861-9540 Town knowledge are true and that all statements made the seat these statements were made with the knowledge by fine or imprisonment, or both, under Section I false statements may jeopardize the validity of the |

| Full name of second jo | pint | | |
|-------------------------|------------------------|------|---------------------------------------|
| inventor, if any | Todd R. Golub | | |
| Inventor's Signature | | Date | |
| Residence | 65 Waldorf Road | | |
| | Newton, MA 02164 | | |
| Citizenship | U.S.A. | | |
| Mailing Address | same as above | | |
| Full name of third join | t | | |
| inventor, if any | Richard O. Hynes | , | |
| Inventor's Signature | | Date | |
| Residence | 97 Hoitt Road | | |
| | Belmont, MA 02478 | | |
| Citizenship | U.S.A. | | |
| Mailing Address | same as above | | · · · · · · · · · · · · · · · · · · · |
| Full name of fourth joi | nt | | * |
| inventor, if any | Eric S. Lander | : | - |
| Inventor's Signature | | Date | · · · · · · · · · · · · · · · · · · · |
| Residence | 151 Bishop Allen Drive | | |
| | Cambridge, MA 02139 | | |
| Citizenship | U.S.A. | | |
| Mailing Address | same as above | | |

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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

med inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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| | and was amended | d on | (if applicable). | | | | | | |
| includ | | | d understand the contents of the a dment referred to above. | bove-ide | ntified | spec | ificat | ion, | |
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| countr any fo | ent or inventor's cer y other than the Uni reign application for | rtificate, or 365(a) of ited States of Americ | ts under 35 U.S.C. 119(a)-(d) or 3 fany PCT international application as, listed below and have also iden certificate, or of any PCT internationity is claimed: | n which o tified be | iesigna low, by | iteď a / che | it lea: cking | st one | e box, |
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| (Numb | per) | (Country) | (Day/Month/Year filed) | [|] | [|] | [|] |
| I hereb | y claim the benefit | under 35 U.S.C. §11 | 9(e) of any United States provision | nal appli | cation | (s) lis | sted b | elow | <i>i</i> . |
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| (Appli | cation Number) | | (Filing Date) | | | | | | |

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| (Application Serial N | o.) | (Filing date) | (Status: patented, pending, abandoned) |
| | nith & Reyno | | and/or agents associated with rive, Lexington, Massachusetts 02421-4799 |
| and | | | |
| to prosecute this appli | ication and to | transact all business in the | e Patent and Trademark Office connected therewith. |
| Please send corre | | | |
| [X] Customer N | 0. | 21005 HAMILTON, BROOK, | , SMITH & REYNOLDS, P.C. |
| | | CONTRACTOR OF THE PARTY OF THE | |
| - | | Two Militia Drive Lexington, MA 02421-4 | |
| or | | | |
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| Full name of second join | ut | |
| inventor, if any | Todd R. Golub | |
| Inventor's Signature | Da | ite |
| Residonce | 65 Waldorf Road | |
| 7 | Newton, MA 02164 | |
| Citizenship | U.S.A. | |
| Mailing Address | same as above | |
| Full name of third joint | | |
| inventor, if any | | |
| Inventor's Signature | Richard O. Hymes Da | te 5/8/01 |
| Residence | 97 Hoin Road 77 MRLINGTON ST | |
| | Belmont, MA 02478 WINCHESTER MA 01890 |) |
| Citizenship | U.S.A. | |
| Mailing Address | same as above | |
| Full name of fourth joint | | |
| inventor, if any | Eric S. Lander | |
| Inventor's Signature | Da | |
| Residence | 151 Bishop Allen Drive | |
| | Cambridge, MA 02139 | |
| Citizenship | U.S.A. | |
| Mailing Address | same as above | |
| | | |

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

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I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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| filing dapplication for pate country | I acknowledge the including for continuate of the prior applition. I hereby claim for ent or inventor's cert of other than the Unit eign application for | uation-in-part ap ication and the n eign priority ben ificate, or 365(a) ed States of Am | plication national nefits und of any erica, lis | ns, material in or PCT internoder 35 U.S.C. PCT internated below and | formation which ational filing date 119(a)-(d) or 36 onal application have also identi | became e of the 5(b) of a which d fied bel | e availa contin any for lesigna ow, by | able uation ted a che | between-in- appl at least | een the part | on(s) |
| date be | fore that of the appl | ication on which | priority | is claimed: | , | - III | | | | | |
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| As a named in Hamilton, Brook, Smi Customer No. 210 | ith & Reyno | eby appoint the attorneys lds, P.C., Two Militia D | and/or agents associated with rive, Lexington, Massachusetts 02421-4799 |
| and | | | |
| | | | e Patent and Trademark Office connected therewith. |
| Please send corres | | | |
| [X] Customer No | • | 21005 | , SMITH & REYNOLDS, P.C. |
| | | Lexington, MA 02421- | 4799 |
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| or | | | |
| or [] Address as fol | llows: | | |
| [] Address as fol | | Lisa M. Treannie, Esq. | Telephone No.: 781-861-6240 |
| [] Address as fol | one calls to: _ | Lisa M. Treannie, Esq. Lisa M. Treannie, Esq. | Telephone No.: 781-861-6240 Facsimile No.: 781-861-9540 |
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|--------------------------|--|--------------|
| Full name of second join | int | |
| inventor, if any | | |
| Inventor's Signature | 1,000 | Date 3/22 01 |
| Residence | 65 Waldorf Road | |
| - | Newton, MA 02164 | |
| Citizenship | U.S.A. | |
| Mailing Address | same as above | |
| Full name of third joint | | |
| inventor, if any | Richard O. Hynes | |
| Inventor's Signature | | |
| Residence | 97 Hoitt Road | |
| | Belmont, MA 02478 | |
| Citizenship | U.S.A. | |
| Mailing Address | same as above | |
| Full name of fourth join | | - |
| inventor, if any | | Date 3/22/0/ |
| Residence | 151 Bishop Allen Drive Cambridge, MA 02139 | |
| | U.S.A. | |
| Mailing Address | same as above | |
| W | | |

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